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(57) Abstract: The invention relates to a filter appliance (1) comprising of a dilution device, wherein the diluted portion remains largely constant against the variation of the total volume flow. The filter device is characterized in that the flow characteristic of the constituents of the dilution line B, defined by the pressure loss function $p_B(V_B)$, is adapted to the flow characteristic of the constituents of the filter line A, defined by the pressure loss function $p_A(V_A)$, in such a way that the dilution condition holds good for at least one diluted portion X, where $X = V_B/V_A + V_B$ for the volume flows between $V_1 = 10 \text{ l/h}$ and $V_2 = 120 \text{ l/h}$ (first volume flow range) for at least one second volume flow range of at least 5 l/h within the first volume flow range, whereby $p_A(V_A)$ denotes the pressure decline in the filter line A and $p_B(V_B)$ denotes the pressure decline in the dilution line B, in dependence of the respective volume flows V_A, V_B in [l/min] of water in lines A and B.

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